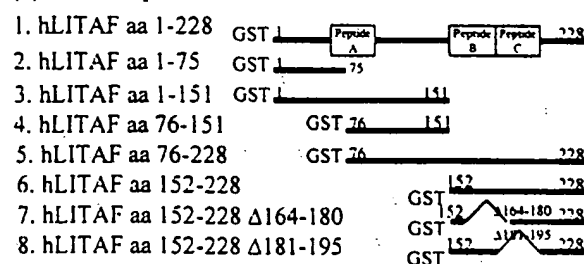


1/14

(a) hLITAF/pGEX4T-1 constructs



(b) hTNF- α Promoter/pGL3-basic constructs

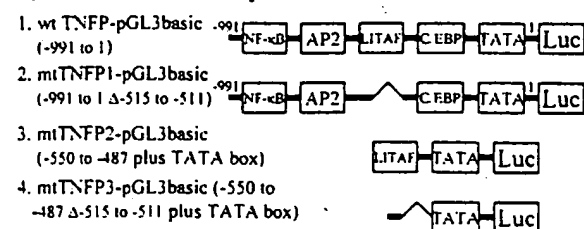


FIG. 1

2/14

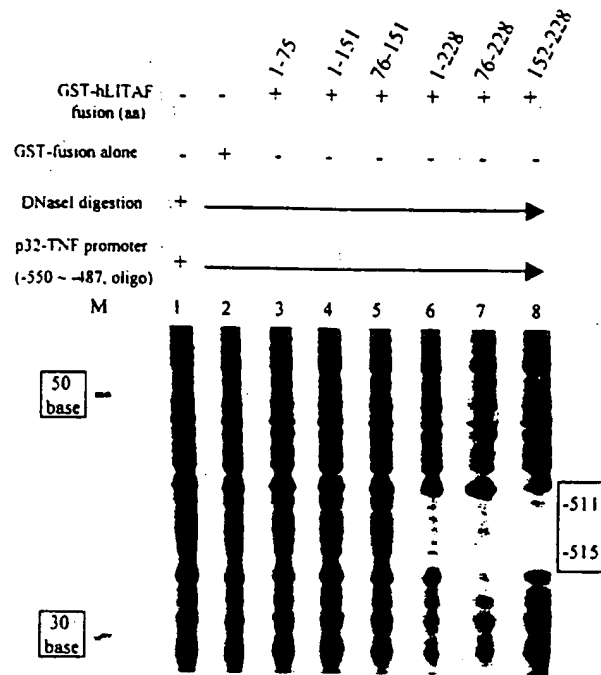


FIG. 2

3/14

-550 ***** -487
5'AGGCCTCAAGCCTGCCACCAAGCCCCCAGCTCCTTCTCCCCGCAGGGACCCAAACACAGGCCTCA-3'

FIG. 3

Title: NOVEL LITAF BINDING SITE PEPTIDES AND
METHODS OF USING THE SAME

Applicant(s): Amar et al

Client/Matter No.: 50047/019002

Filing Date: March 10, 2004

Serial No.: Not Yet Assigned

Page 4 of 14

Customer No.: 21559

4/14

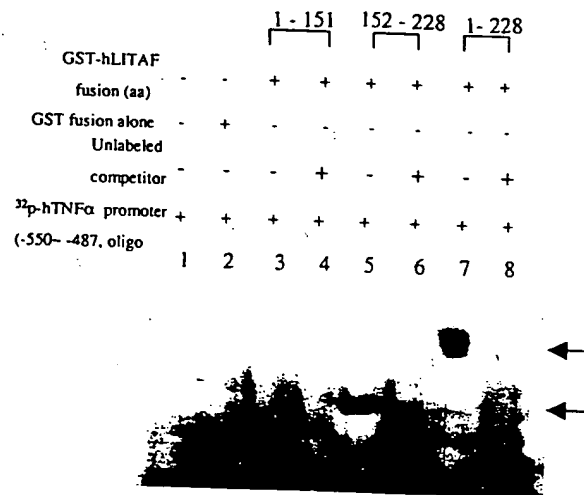


FIG. 4A

6/14

TNF- α secretion upon stimulation by HA peptide or
hLITAF peptide A, B, C for 24 hrs in THP-1 cells.

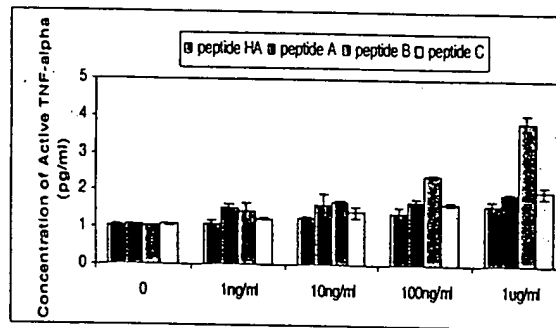


FIG. 5

7/14

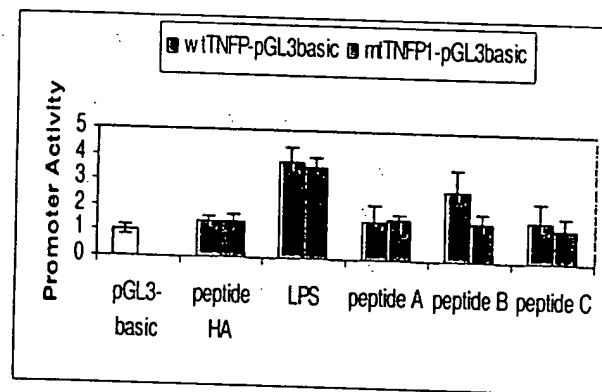


FIG. 6A

8/14

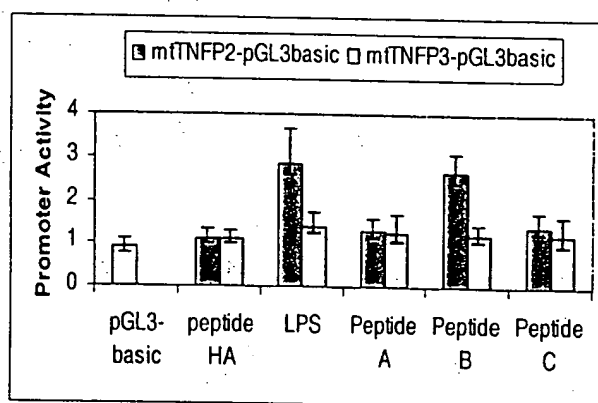


FIG. 6B

9/14

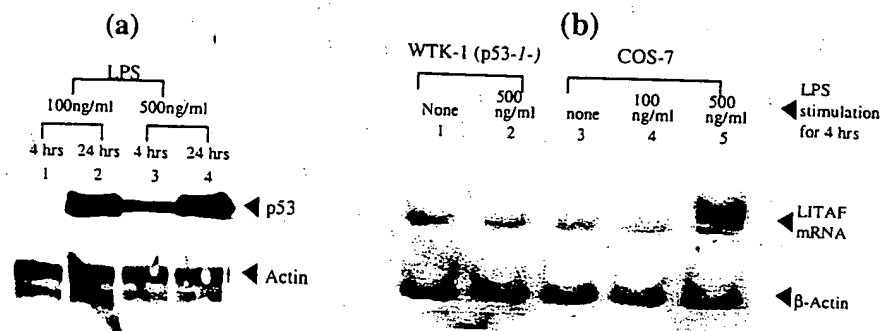


FIG. 7

10/14

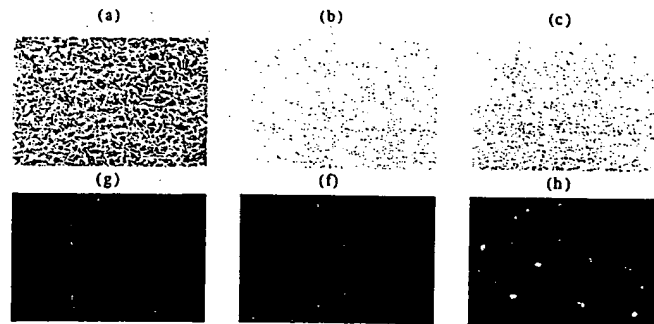


FIG. 8

11/14

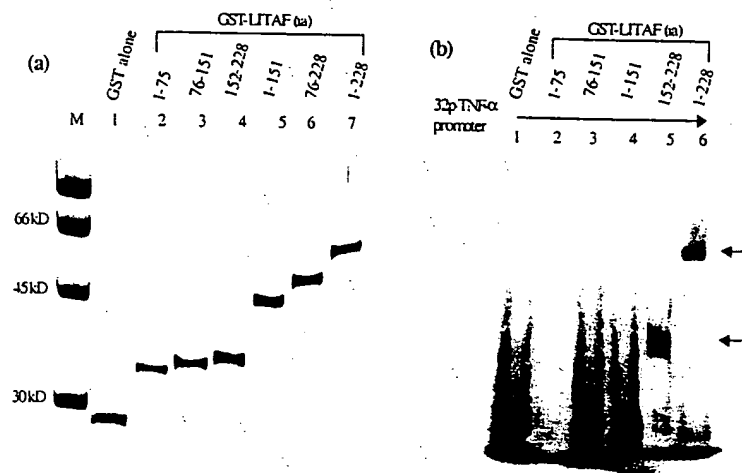


FIG. 9

12/14

TNF- α promoter/pGL3basic constructs.
The binding site of transcription factor
on promoter is indicated by " "

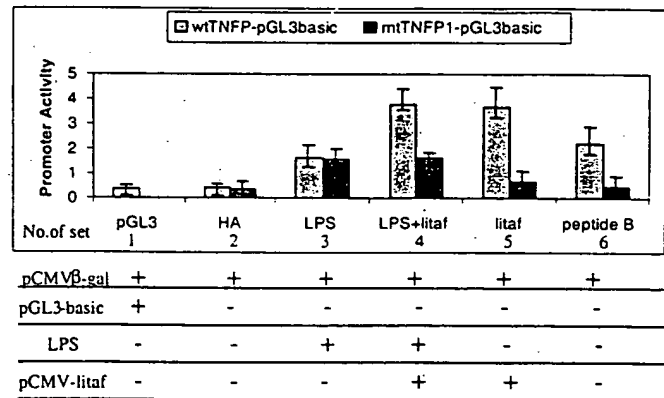
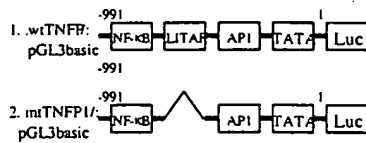


FIG. 10

13/14

<210> SEQ ID NO. 1:
<211> LENGTH: 228
<212> TYPE: PRT
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 1

```

Met Ser Val Pro Gly Pro Tyr Gln Ala Ala   10
Thr Gly Pro Ser Ser Ala Pro Ser Ala Pro   20
Pro Ser Tyr Glu Glu Thr Val Ala Val Asn   30
Ser Tyr Tyr Pro Thr Pro Pro Ala Pro Met   40
Pro Gly Pro Thr Thr Gly Leu Val Thr Gly   50
Pro Asp Gly Lys Gly Met Asn Pro Pro Ser   60
Tyr Tyr Thr Gln Pro Ala Pro Ile Pro Asn   70
Asn Asn Pro Ile Thr Val Gln Thr Val Tyr   80
Val Gln His Pro Ile Thr Phe Leu Asp Arg   90
Pro Ile Gln Met Cys Cys Pro Ser Cys Asn  100
Lys Met Ile Val Ser Gln Leu Ser Tyr Asn  110
Ala Gly Ala Leu Thr Trp Leu Ser Cys Gly  120
Ser Leu Cys Leu Leu Gly Val His Ser Gly  130
Leu Leu Leu His Pro Leu Leu Arg Gly Cys  140
Pro Ala Gly Arg Gly Pro Leu Leu Ser Gln  150
Leu Gln Ser Ser Pro Gly His Leu Gln Ala  160
Phe Val Gly Leu Ser Gln Thr Trp Arg Glu  170
Pro Gly Ala Ala Gly Ser Pro Phe His Leu  180
Ser Ser Ser Phe Thr Pro Gly Gly Gly Ser  190
Ala Leu Val Val Ser Pro Leu Gln Gly Ala  200
His Leu His Val Phe Phe Trp Gly Glu Tyr  210
Val Ala Lys Leu Thr Asn Leu Gln Thr Pro  220
Glu Ile Ala Ala Trp Ser Arg Ala          228

```

FIG. 11

14/14

<210> SEQ ID NO. 2:

<211> LENGTH: 1773

<212> TYPE: DNA

<213> ORGANISM: Homo Sapiens

<400> SEQUENCE: 2

```

gtttctctcc ctgccccgc gacttcgcgc aagatccggg aaggacaccc gagggccctg 60
ggagaccctg gggaggtgaa agtcagagag cgaagcgggc cgtggccctt aggccctgacc 120
cctccccgcg gggtaaggcg ggcacccccgc gagcgcaggg gtcctcttac tgctgatggc 180
accagctctt gggcccagac gccgctcacc gtccaccgcc ggtgctgggt aaaatgtcgg 240
ttccaggacc ttaccaggcg gccactgggc ctctctcagc accatccgca cctccatcct 300
atgaagagac agtggctggt aacagttatt accccacacc tccagctccc atgcctgggc 360
caactacggg gcttgtagcg gggcctgatg ggaagggcat gaatcctct tcgtattata 420
cccagccagc gcccatcccc aataacaatc caattaccgt gcagacggtc tacgtgcagc 480
accccatcac ctttttggac cgccctatcc aaatgtgttg tccttctctgc aacaagatga 540
tcgtgagtca gctgtcctat aacgccggtg ctctgacctg gctgtcctgc gggagcctgt 600
gcctgctggg ggtgcatagc gggctgctgc ttcacccctt tctgcgtgga tgccctgcag 660
gacgtggacc attactgtcc caactgcaga gctctcctgg gcacctacaa gcgtttgtag 720
gactcagcca gacgtggagg gagccgggtg ccgcaggaag tcctttccac ctctcatcca 780
gcttcacgcc tgggtggagg tctgccctgg tgggtctacc tctccagggg gccaccttc 840
atgtcttctt ttggggggaa tacgtcgcaa aactaacaaa tctccaaacc ccagaaattg 900
ctgcttgagg tcgtgcatag gacttgcaaa gacattcccc ttgagtgtca gttccacggc 960
ttcctgcctc cctgagaccc tgagtcctgc catctaactg tgatcattgc cctatccgaa 1020
tatcttctct tgatctgcca tcagtggctc ttttttctct cttccatggg cttttctggt 1080
ggcagtctca aactgagaag ccacagttgc cttatttttg aggctgttct gccagagct 1140
cggctgaacc agcctttagt gcctaccatt atcttatccg tctcttcccg tccctgatga 1200
caaagatctt gccttacaga ctttacaggc ttggctttga gattctgtaa ctgcagactt 1260
cattagcaca cagattcact ttaatttctt aatttttttt ttaaatacaa ggagggggct 1320
attaacaccc agtacagaca tatccacaag gtcgtaaatg catgctagaa aaatagggct 1380
ggatcttata actgccctgt ctccccttgt ttctctgtgc cagatcttca gtgccccttt 1440
ccatacaggg atttttttct catagagtaa ttatatgaac agtttttatg acctcctttt 1500
ggtctgaaat acttttgaac agaatttctt ttttttaaaa aaaaacagag atggggctct 1560
actatgttgc ccaggctggg gtcgaactcc tgggctcaag cgatccttct gccttggcct 1620
cccgaagtgc tgggattgca ggcataagct accatgctgg gcctgaacat aatttcaaga 1680
ggaggattta taaaaccatt ttctgtaatc aaatgattgg tgtcattttc ccatttgcca 1740
atgtagtctc acttaaaaaa aaaaaaaaaa aaa 1773

```

FIG. 12